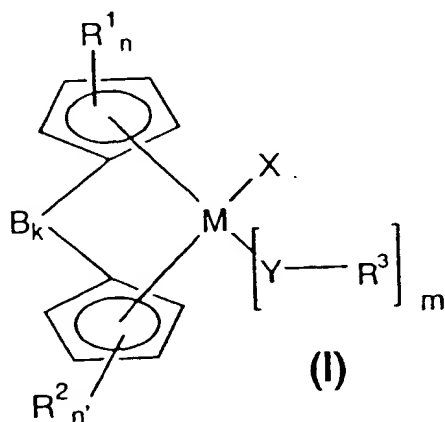


CLEAN VERSION OF AMENDED CLAIMS

Claims 9-11 should read as follows.

Please cancel claim 15.

9.(amended) A compound of the formula (I),



where

M is a metal of transition group III, IV, V or VI of the Periodic Table of the Elements,

R¹ are identical or different and are each a radical Si(R¹²)₃, where R¹² are identical or different and are each a hydrogen atom or a C₁-C₄₀-group or R¹ is a C₁-C₃₀-group, or two or more radicals R¹ may be connected to one another in such a way that the radicals R¹ and the atoms of the cyclopentadienyl ring which connect them form a C₄-C₂₄-ring system which may in turn be substituted,

B1
 R^2 are identical or different and are each a radical $Si(R^{12})_3$, where R^{12} are identical or different and are each a hydrogen atom or a C_1-C_{40} -group, or R^2 is a C_1-C_{30} -group, or two or more radicals R^2 may be connected to one another in such a way that the radicals R^2 and the atoms of the cyclopentadienyl ring which connect them form a C_4-C_{24} -ring system which may in turn be substituted,

R^3 are identical or different and are each a C_2-C_{25} -alkenyl, C_3-C_{15} -alkylalkenyl, C_5-C_{24} -heteroaryl, C_7-C_{30} -arylalkyl, C_7-C_{30} -alkylaryl, fluorinated C_1-C_{25} -alkyl, fluorinated C_6-C_{24} -aryl, fluorinated C_7-C_{30} -arylalkyl or fluorinated C_7-C_{30} -alkylaryl,

X is a halogen atom,

Y is oxygen or sulfur,

n is from 0 to 4,

n' is from 0 to 4,

m is from 1 to 3,


k is 1,

B is a bridging structural element between the two cyclopentadienyl rings and

one or both cyclopentadienyl rings are substituted in such a way that they form an indenyl ring.

10.(amended) A compound as claimed in claim 9, wherein

M is Ti, Zr or Hf,

 R¹ are identical or different and are each a radical Si(R¹²)₃, where R¹² are identical or different and are each a hydrogen atom a C₁-C₂₀-alkyl, C₁-C₁₀-fluoroalkyl, C₁-C₁₀-alkoxy, C₆-C₁₀-aryl, C₆-C₁₀-fluoroaryl, C₆-C₁₀-aryloxy, C₂-C₁₀-alkenyl, or R¹ is C₁-C₂₅-alkyl, C₂-C₂₅-alkenyl, C₃-C₁₅-alkylalkenyl, C₆-C₂₄-aryl, C₅-C₂₄-heteroaryl, C₇-C₃₀-arylalkyl, C₇-C₃₀-alkylaryl, fluorinated C₁-C₂₅-alkyl, fluorinated C₆-C₂₄-aryl, fluorinated C₇-C₃₀-arylalkyl, fluorinated C₇-C₃₀-alkylaryl, or C₁-C₁₂-alkoxy, or two or more radicals R¹ may be connected to one another in such a way that the radicals R¹ and the atoms of the cyclopentadienyl ring which connect them form a C₄-C₂₄-ring system which may in turn be substituted,

R² are identical or different and are each a radical Si(R¹²)₃, where R¹² are identical or different and are each a hydrogen atom a C₁-C₂₀-alkyl, C₁-C₁₀-fluoroalkyl, C₁-C₁₀-alkoxy, C₆-C₁₀-aryl, C₆-C₁₀-fluoroaryl, C₆-C₁₀-aryoxy, C₂-C₁₀-alkenyl, or R² is C₁-C₂₅-alkyl, C₂-C₂₅-alkenyl, C₃-C₁₅-alkylalkenyl, C₆-C₂₄-aryl, C₅-C₂₄-heteroaryl, C₇-C₃₀-arylalkyl, C₇-C₃₀-alkylaryl, fluorinated C₁-C₂₅-alkyl, fluorinated C₆-C₂₄-aryl, fluorinated C₇-C₃₀-arylalkyl, fluorinated C₇-C₃₀-alkylaryl, or C₁-C₁₂-alkoxy, or two or more radicals R² may be connected to one another in such a way that the radicals R² and the atoms of the

cyclopentadienyl ring which connect them form a C_4 - C_{24} -ring system which may in turn be substituted,

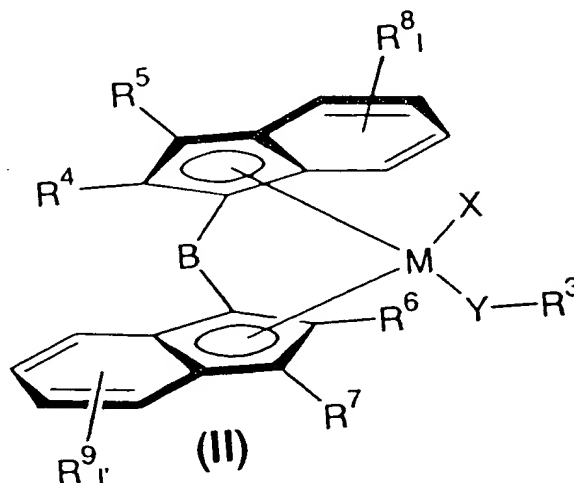
X is chlorine

Y is oxygen or sulfur,

m is 1 and

one or both cyclopentadienyl rings are substituted in such a way that they form an indenyl ring which is substituted.

11.(amended) A compound of the formula (II)



where

M is Ti, Zr or Hf,

R^3 is isopropyl, tert-butyl, cyclohexyl or octyl, a C_5 - C_{24} -heteroaryl, C_7 - C_{30} -arylalkyl, C_7 - C_{30} -alkylaryl, fluorinated C_6 - C_{24} -aryl, fluorinated C_7 - C_{30} -arylalkyl, or fluorinated C_7 - C_{30} -alkylaryl

R^4 , R^6 are identical or different and are each a hydrogen atom or a C_1 - C_{20} -group,

R^5 , R^7 are identical or different and are each a hydrogen atom or a C_1 - C_{20} -group,

R^8 , R^9 are identical or different and are each a hydrogen atom, a halogen atom

with each other?

or a C_1 - C_{20} -group, and two radicals R^8 or R^9 may form a monocyclic or polycyclic ring system which may in turn be substituted,

- B1*
- X is a halogen atom,
 - Y oxygen or sulfur,
 - I, I' are identical or different and are each an integer from zero to 4,
 - B is a bridging structural element between the two indenyl radicals.
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